

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

APPLICANT: Susumu TAKAGI  
SERIAL NO. 10/ \_\_\_\_\_ ATT. DOCKET: 542-005.16  
FILED: 12 DEC. 2003 (HEREWITH)  
FOR: VARIABLE GAIN AMPLIFIER

INFORMATION DISCLOSURE STATEMENT

12 DEC. 2003

COMMISSIONER FOR PATENTS  
PO BOX 1450  
ALEXANDRIA VA

Sir:

In accordance with the provisions of 37 C.F.R. §§1.56, 1.97, and 1.98, Applicant wishes to bring the reference, listed on the attached form PTO-1449 and enclosed herewith, to the attention of the Examiner. The reference was cited on page 1 of the specification. The English-language abstract furnished suffices to make its relevance apparent. Therefore, **this submission complies with MPEP § 609.**

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I hereby certify that this document is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner for Patents, PO BOX 1450, Alexandria VA 22313-1450.

  
Dorothy Tomasco

**REMARKS**

No representation is made that more pertinent, although presently unknown, art does not exist. It is anticipated that the Examiner will conduct a thorough search of the prior art and will carefully consider the document submitted herewith.

The Examiner is respectfully requested to **return an initialled copy** of form PTO-1449, to confirm that the reference has been considered.

Early examination and allowance of the present application are respectfully solicited. No fee is believed required; if any is required, it may be charged to Deposit Account No. 23-0442.

Respectfully submitted,

*Milton Oliver*

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Att. Docket No. 542-005.16

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<b>FORM PTO-1449</b> <b>INFORMATION DISCLOSURE STATEMENT</b>				ATTY DOCKET NO. 542-005.16		SERIAL NO. 10/	
				APPLICANT: TAKAGI			
				FILING DATE: 12 DEC. 2003		ART UNIT:	
<b>UNITED STATES PATENT DOCUMENTS</b>							
<b>EXAM. INITIAL</b>		<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>INVENTOR/ASSIGNEE</b>	<b>CLASS</b>	<b>SUBCLASS</b>	<b>FILING DATE IF APPROPRIATE</b>
<b>FOREIGN PATENT DOCUMENTS</b>							
		<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>INVENTOR/ASSIGNEE</b>	<b>CLASS</b>	<b>SUBCLASS</b>	<b>TRANSLATION YES/NO</b>
	JP	2001-237650-A	AUG. '01	HAYASHI/NEW JAPAN			Abs. only
<b>OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)</b>							
		Patent Abstracts of Japan, English abstract of JP 2001-237650-A, publ. 31 AUG. 2001, based on application JP 2000-045340, filed 23 FEB. 2000.					
Examiner				Date:			